

## GTBB straight PCB connector without Mounting ears .100 Spacing

GTB Series rectangular PCB connectors are designed for use with for printed circuit subassembly and for use with single-sided printed wiring, double-sided printed wiring, and multilayer printed wiring in accordance with MIL-DTL-55302. Connectors feature pin and socket contacts on .100" centers and solder-dipped in 60/40 tin lead solder and available with optional gold-plated terminals. Contact termination types available are crimp, dip solder, flex, hand solder, and wire wrap post and are copper nickel tin alloy as specified by ASTM B740. Parts are manufactured from nonmagnetic materials in accordance with ASTM A342/A342M.

### NOTES

1. Performance Specifications:
  - Current Rating: 5 AMP
  - DWV: 1000 VAC Sea Level
  - Insulation Resistance: 5000 Megohms Minimum @ 500 VDC
  - Contact Resistance: 10 Milliohms
  - Operating Temperature: -65° C. to +125° C.
  - Mating Force (Max): (4 Ounces) X (# of Contacts)
  - Durability: 500 Mating Cycles
2. Materials and Finishes
  - Insulator: Polyphenylene Sulfide (PPS)
  - Contacts: Copper Alloy, Gold over Nickel Plating
  - Hardware: Copper Alloy, Nickel Plated and/or 300 Series Stainless Steel, Passivated

How To Order						
Sample Part Number	GTBB	-10	-ST	-.109	-489	
<b>Basic Part Number</b>	<b>GTBB</b> = PCB connector without mounting ears, .100" spacing					
<b>Contact Arrangement</b>	<b>10, 14, 20, 24, 26, 30, 36, 40, 44, 50, 54, 56, 60, 66, 70</b>					
<b>Contact Type</b>	<b>P</b> = pin (figure 1) <b>S</b> = socket (figure 2)					
<b>Termination Type</b>	<b>ST</b> = pcb vertical					
<b>Terminal Length</b>	<b>.109</b> <b>.140</b> <b>.172</b> <b>.234 (SOCKET ONLY)</b>					
<b>Hardware Option2</b>	<b>OMIT FOR NONE</b> <b>X</b> = guideset, full round <b>Y</b> = guideset, polarized <b>F</b> = fixed jackset <b>S</b> = turning jackset, slotted head <b>H</b> = turning jackset, hex head <b>M</b> = turning jackset, slotted head, medium long <b>L</b> = turning jackset, slotted head, long <b>EX</b> = extended guideset, full round <b>EY</b> = extended guideset, polarized <b>EF</b> = extended fixed jackset					
<b>Gold-Plated Terminal Mod Code</b>	These connectors are solder-dipped in 60/40 tin-lead solder. To delete the solder dip and change to gold-plated terminals, add code 513					